

Acute Diabetes Exacerbation Episode

Executive Summary

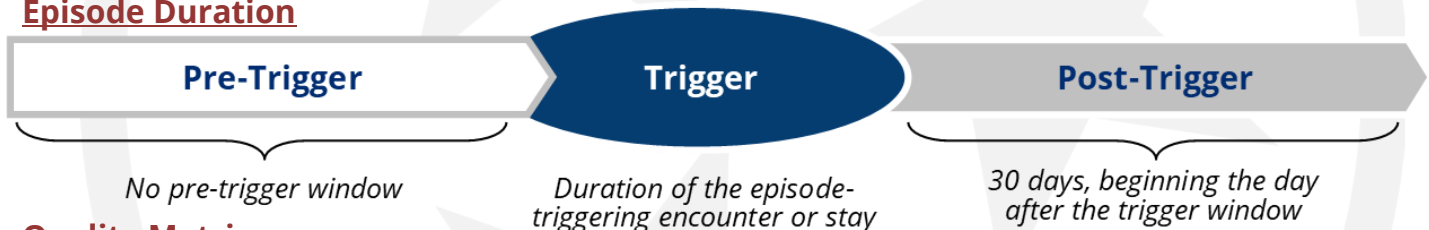
Episode Design

- **Trigger:** diagnosis of Type I, Type II, secondary, or gestational diabetes
- **Quarterback type:** facility (acute diabetes exacerbation diagnosis site)
- **Care included:** all acute diabetes exacerbation-related care including specific imaging and testing and specific medications

Sources of Value

- Appropriate triage, rapid early assessment, and early management to avoid worsening clinical condition while in the emergency department
- Appropriate use of critical care setting
- Appropriate length of stay
- Identification of root cause of exacerbation
- Appropriate management/resolution of root cause
- Appropriate patient education
- Appropriate use of testing and imaging
- Appropriate follow-up for root cause
- Appropriate follow-up for diabetes control
- Appropriate selection of glycemic control regimen
- Reduction in complications
- Appropriate management of complications
- Reduction in avoidable readmissions

Episode Duration



Quality Metrics

Tied to Gain-Sharing

- Follow-up care within 14 days (higher rate is better)

Informational Only

- Diabetes counseling
- Readmissions
- ED visits
- ICU utilization
- Diabetes-related medications
- CT/MRI usage
- Average length of stay

Making Fair Comparisons

Exclusions

- Business exclusions: inconsistent enrollment, third-party liability, dual eligibility, FQHC/RHC, no PAP ID, incomplete episodes, overlapping episodes
- Clinical exclusions: different care pathway (e.g., cystic fibrosis, HIV, history of cardiac arrest, organ transplant, osteomyelitis, other CNS infection, pericarditis, peritonitis, DCS custody)
- Patient exclusions: age (greater than 64 years old), death, left against medical advice
- High-cost outlier: episodes with risk-adjusted spend greater than three standard deviations above the average risk-adjusted episode spend for valid episodes are excluded.

Risk adjustment is used to ensure appropriate comparisons between patients.

To learn more about the episode's design, please reference the Detailed Business Requirements (DBR) and Configuration File on our website at <https://www.tn.gov/tenncare/health-care-innovation/episodes-of-care/searchable-episodes-table.html>.